



IFW

ATTORNEY DOCKET NO. 056258-5097

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
)	
Inventor: Ian Nicholas HOUSON)	
)	
Application No.: 10/528,092)	Group Art Unit: 1614
)	
Filed: March 16, 2005)	Examiner: Unassigned
)	
For: PROCESSES FOR THE PREPARATION OF)	
HETEROCYCLIC HYDROXYAMINES, AND)	
INTERMEDIATES AND CATALYSTS FOR USE)	
THEREIN)	

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Window
Randolph Building
401 Dulany Street
Alexandria, VA 22314

SUPPLEMENTAL DISCLOSURE SUBMISSION

Supplementing the applicant's disclosure submission filed March 16, 2005, filed herewith are copies of the documents listed in the attached PTO-1449. These documents include references discussed in the applicant's specification at page 1, lines 10-15 and page 4, line 31 to page 5, line 9, together with other references known to the applicant. It is to be noted that U.S. 6,184,381 is listed in lieu of its equivalent WO 97/20789 which is mentioned at page 5, line 9 of the applicant's specification.

Reference is made in the applicant's specification at page 5 to "Catalytic Asymmetric Synthesis" by Ojima, published by Wiley-VGH (ISBN 0-471-40027-0) and "Principle and Applications of Asymmetric Synthesis by Lin, Li and Chan published by Wiley Inter-science (ISBN 0-471-29805-0). These are only used for background and due to their size are not submitted herewith. It is further noted that EP 457559; EP 654264; WO 98/42643 and WO 02/44111 are mentioned in the applicant's specification (page 1,

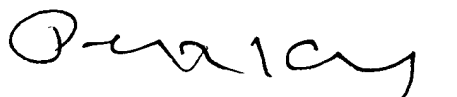
lines 4 and 5). These references were cited in the PCT International Search Report and are already of record herein.

The Examiner is requested to consider the attached, together with the applicant's earlier submission, in the examination of this application.

No fee is thought to be required for this submission but if any should be, please charge to Deposit Account No. 50-0310.

Respectfully submitted,

MORGAN, LEWIS & BOCKIUS LLP

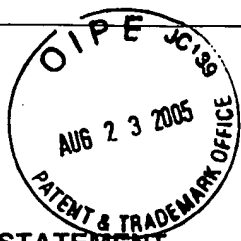


Paul N. Kokulis
Reg. No. 16,773

Date: August 23, 2005

Customer No. 09629
MORGAN, LEWIS & BOCKIUS LLP
1111 Pennsylvania Avenue, N.W.
Washington, D.C. 20004
(202) 739-3000

FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PW FORM PAT-1449)
Patent and Trademark Office



Atty. Dkt. No.	M#	Client Ref.
	056258-5097-US	SMC60542/UST

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: Ian Nicholas HOUSON

Appln. No.: 10/528,092

Filing Date: March 16, 2005

Date: August 23, 2005

Page 1 of 1

Examiner: unassigned

Group Art Unit: 1614

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR 5,023,269	06/1991	Robertson et al.	514	438	
	BR 4,956,388	09/1990	Robertson et al.	514	651	
	CR 6,184,381 B1	02/2001	Ikariya et al.	546	136	
	DR 5,362,886	11/1994	Berglund	549	75	
	ER 5,491,243	02/1996	Berglund	549	75	
	FR					

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Applicant Name		English Abstract		Translation Readily Available	
						Enclosed	No	Enclose	No
	GR 11-335385	1999	Japan		C07F		X		
	HR								

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	IR	Current Opinion in Investigational Drugs, (PharmaPress Ltd.), 1(1):116-121 (2000)	X			
	NR	Deeter et al., "Asymmetric Synthesis and Absolute Stereochemistry of LY248686", Tetrahedron Letters, 31(49):7101-7104 (1990)	X			
	JR	Liu et al., "Chemo-Enzymatic Synthesis of the Antidepressant Duloxetine and Its Enantiomer", Chirality, 12:26-29 (2000)	X			
	KR	Wheeler et al., "An Asymmetric Synthesis of Duloxetine Hydrochloride, a Mixed Uptake Inhibitor of Serotonin and Norepinephrine, and Its C-14 Labeled Isotopomers", Journal of Labelled Compounds and Radiopharmaceuticals, 36(3):213-233 (1995)	X			
	LR	Genet et al., "Practical Asymmetric Hydrogenation of β -Keto Esters at Atmospheric Pressure using Chiral Ru(II) Catalysts", Tetrahedron Letters, 36(27):4801-4804 (1995)	X			
	MR	Guerreiro et al., "[RuCl ₂ (COD)] _n : A simplified source of Ru(II)-catalysts for the asymmetric hydrogenation of functionalized ketones", C.R. Acad. Sci. Paris, 2:175-179 (1999)	X			
	NR	Corral et al., "N-Substituted 2-Amino-1-(2-thienyl)ethanols as β -Adrenergic Blocking Agents", Journal of Medicinal Chemistry, 16(8):882-885 (1973)	X			

Examiner

Date Considered:

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.